2006 Engineering Conference Breakout Sessions For Period 10 (Wednesday, November 15, 2006, 11:00-11:50 A.M.)

3. The secret to a successful PI project:
Track: Public Involvement
Presenters: Dan Jones & David L. Smith, PPBH
Synopsis: PI without research is like shooting an arrow into the air, and then looking for a target to catch it with. In this session, co-hosted by PPBH and Dan Jones & Associates, you'll learn how research tools such as phone surveys, web surveys, focus groups, canvassing, mailers and other surveys can improve a project at the beginning, middle, and at the end of the project. Participants will learn how pre-construction surveys create a baseline for planning, drive the PI strategy, gauge public attitudes for a project, identify concerns and issues, and discover ways to gain public support for a project. Mid-construction surveys assess the impact of a project and identify what areas of the PI plan are working well and not working well. Post-construction surveys measure the results of public involvement, the construction project and UDOT's public perception.
The session would present how various research tools impacted the strategies and outcomes of various projects, such as Express Lanes, the Mountain View Corridor, CommuterLink, and other UDOT projects.
Time Required: 50 minutes

12. NEPA 101 for Project Managers and Non-Environmental Staff
Track: Environmental
Presenters: Elizabeth Skinner, UDOT
Synopsis: NEPA 101 provides an overview of the National Environmental Policy Act (NEPA) and FHWA's policies and procedures for applying NEPA to the project development and decision-making processes related to transportation facilities. Other environmental laws that may drive the transportation project will be briefly covered, as will the new provisions in SAFETEA-LU.
Time Required: 50 minutes

21. Electronic Signature in Plan Sets
Track: Design
Presenters: Bob Peterson
Synopsis: Electronic signatures are to become the endorsing method for UDOT projects. This session will teach the process to signing documents electronically.
Time Required: 50 minutes

40. Utah: Crossroads of America's Commerce
Track: Sytem Planning/Programming
Presenters: Daniel B. Kuhn, UDOT Freight Planner
Synopsis: This would be a modification of my existing Utah Freight Planning presentation, which would focus on the highway and rail corridors serving Utah, as well as reviewing the needs of freight transportation providers and shippers.
Time Required: 50 minutes

46. Performance Testing of HMA
Track: Materials
Presenters: Kevin VanFrank and Howard Anderson
Synopsis: Update and Direction on SPT, HWT and Binder Testing
Time Required: 50 minutes

57. Changes in the Project Development Business System (PDBS)
Track: Construction
Presenters: Jesse Sweeten
Synopsis: We will review and show recent changes to PDBS including Electronic Change Orders and Additive Bidding options. We will also discuss the Contractor Module implemented in April (Request to Sublet, Subcontractor Payments, and other information entered by the Contractor).
Time Required: 50 minutes

59. Survey Methods and Accuracies
Track: Construction
Presenters: Keith Hafen of ESI and Kelly Francis of Aero-graphics
Synopsis: A panel discussion by three of the top survey companies in Utah, Aero-graphics, ESI, Psomas. The panel will discuss the accuracy needed at each phase of a project and what survey instruments should be used to obtain the survey data. With the explosion of using GPS and CADD it is essential that the surveyor, mapper, designer, and construction personnel understand the different methods of obtaining survey and mapping data and the accuracies associated with the data collected. The session will focus on the different survey methods, the accuracies needed for each phase of a project and how to specify the accuracies needed. New survey methods will also be discussed. The session will also provide guidance on specifics that the engineers/planners need to provide to the surveyors/mappers to make sure they are getting the type and level of accuracy they need.
Time Required: 50 minutes

79. SMS - Safety Management System
Track: Traffic and Safety
Presenters: Rob Clayton
Synopsis: A live training session to demonstrate the new CARS (crash record database) program that will have significantly different and enhanced capabilities to users.
Time Required: 50 minutes (Internet Access)